

TCCATGCTGCACTGTGTGGCCAACCCCATCCTCTACAACCTTCTCAGCCCGAGCTTCCGGGGCC
GACTGCTGAGCCTTGTGGTTCGTTACCTTCCCAAGGAGCAGGCCAGGGCAGCAGGTGGTCGTGC
CTCCTCTTCTTCTTCCACCCAGCACTCCATCATCATTACCAAAGAGGGCAGCCTGCCCGCTGCA
GCGGATCTCCACACCCACCCCATCCGAAACGTTCAAGCGTCCTCTCCGCCTCCAAACACCTCAC
CTACACTCTGCAATTCCGTAGCCAGCTAAGGTAGACTCTAGCTTCCTCCACCAATAAGAAAGTT
CAGAGGGGGATGCGAGAGGTCTGTGGGAGGGGGTGGGAAGGACTGGCTTGTTTCAGGGCCAATTT
AAGTATATCAAAACGTTGCTGTGGGGAGAGGGAAACGGTTCGGGAAGGACAGAGAATGGATCTT
TCCTTGATAGTACACTATTTGTTTGGGTACTGATGTCTAAGGGAGCCACACCGGTGGGGCGTGG
GGGTGGGGAAGCG (SEQ ID NO:1)

FIGURE 1

underlined = deleted in targeting construct

[] = sequence flanking Neo insert in targeting construct

【TCCATGCTGCACTGTGTGGCCAACCCCATCCTCTAC】AACTTTCTCAGCCCCGAGCTTCC
GGGGCCGACTGCTGAGCCTTGTTGGTTCGTTACCTTCCCAAGGAGCAGGCCAGGGCAGCAG
GTGGTCGTGCCTCCTCTTC【TTCTTCCACCCAGCACTCCATCATCATTACCAAAGAGGGC
AGCCTGCCCCGCTGCAGCGGATCTCCACACCCACCCCATCCGAAACGTTTCAGGCGTCCCTCT
CCGCCTCCAAACACCTCACCTACACTCTGCAATTCCGTAGCCAGCTAAGGTAGACTCTAG
CTTCCTCCACCAATAAGAAAGTTTCAGAGGGGGATGCGAGAGGTCTGTGGGAGGGGGTGGG
AAGGACTGGCTTGTTTCAGGGCCAATTTAAGTATATCAAAACGTTGCTGTGGGGAGAGGGA
AACGGTTCGGGAAGGACAGAGAATGGATCTTTCCTTGATAGTACACTATTTGTTTGGGTA
CTGATGTCTAAGGGAGCCACACCGGTGGGGCGTGGGGGGTGGGGAAGCG】

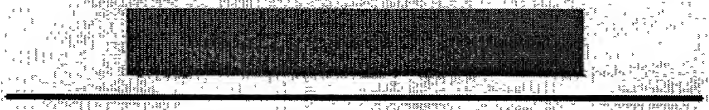
FIGURE 2A

109070" 6F500660

Gene Sequence Structure
*

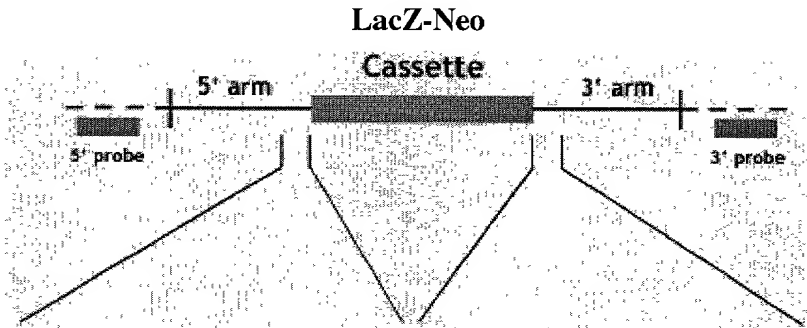
37 bp Sequence Deleted 137 bp

Size of partial cDNA: 526 bp



Targeting Vector* (genomic sequence)
Construct Number: 3267

Arm Length:
5': 2.5 kb
3': 1.8 kb



<p>5'>GGCGCCACTGCCTGTTGATGT GGGCTTACATAGTTGTCTTTGCCA TCTGCTGGCTGCCCTACCAAGTGA CTATGCTGCTGCTCACTCTGCACG GGACCCACATCTCCTCCACTGTC ACCTGGTTAACCTTCTCTACTTCT TCTACGAAATCATCGACTGCTTTT CCATGCTGCACTGTGTGGCCAACC CCATCCTCTAC<3' (SEQ ID NO:2)</p>	<p>5'>TTCTTCCACCCAGCACTCCAT CATCATTACCAAAGAGGGCAGCCT GCCCCTGCAGCGGATCTCCACAC CCACCCCATCCGAAACGTTTCAGGC GTCCTCTCCGCCTCCAAACACCTC ACCTACACTCTGCAATTCTGTAGC CAGCTAAGGTAGACTCTAGCTTCC TCCACCAACAAGAAAGTTTCAGAGG GGGATGCGAGA<3' (SEQ ID NO:3)</p>
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FIGURE 2B